

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/15775

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl' A61B5/00, A61B5/103

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl' A61B5/00, A61B5/103

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Toroku Jitsuyo Shinan Koho	1994-2004
Kokai Jitsuyo Shinan Koho	1971-2004	Jitsuyo Shinan Toroku Koho	1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

JOIS ("HADA" and "HENKO") (in Japanese)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Makoto FUJII, Emina HORIKOSHI, Takashi SOMEYA, 'Taju Kaizodo Kaiseki o Mochiita, Hada no Tsuya no Kyakkanteki Hyoka Hoho no Kaihatsu', Dai 51 Kai SCCJ Kenkyu Toronkai Koen Yoshishu, The Society of Cosmetic Chemists of Japan, 01 November, 2002 (01.11.02), pages 13 to 16	1-3
Y		12
A		4-10
X	Nobutoshi KOJIMA, Hideaki HAISHI, Yoichi MIYAKE, 'Keshohada no Shitsukan Suitei(II) (Hada no Ototsu Joho no Teiryoka)', Nihon Shashin Gakkaishi, Society of Photographic Science and Technology of Japan, 1993 Nen Hakko, Vol.56, No.4, pages 264 to 269	11
Y		12
A		4-10

Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier document but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
09 February, 2004 (09.02.04)Date of mailing of the international search report
24 February, 2004 (24.02.04)Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2002-78683 A (L'Oreal), 19 March, 2002 (19.03.02), Full text; all drawings & EP 1167950 A1 & FR 2810737 A1	1-12
A	JP 7-75629 A (Kao Corp.), 20 March, 1995 (20.03.95), Full text; all drawings (Family: none)	1-12
A	JP 5-220130 A (L'Oreal), 31 August, 1993 (31.08.93), Full text; all drawings & JP 3194152 B2 & EP 475803 A1 & FR 2665959 A & US 5198875 A1	1-12

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Box I Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:

because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:

because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. Claims Nos.:

because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

The technical feature of claims 1-3 is not novel since it is disclosed in document: Makoto FUJII, Emina HORIKOSHI, Takashi SOMEYA, "Taju Kaizodo Kaiseki o Mochiita, Hada no Tsuya no Kyakkanteki Hyoka Hoho no Kaihatsu", Dai 51 Kai SCCJ Kenkyu Toronkai Koen Yoshishu, The Society of Cosmetic Chemists of Japan, 01 November, 2002 (01.11.02), pages 13 to 16. Moreover, the technical feature of claim 11 is not novel since it is disclosed in document: Nobutoshi KOJIMA, Hideaki HAISHI, Yoichi MIYAKE, 'Keshohada no Shitsukan Suitei(II) (Hada no Ototsu Joho no Teiryoka)', Nihon Shashin Gakkaishi, Society of Photographic Science and Technology of Japan, 1993, volume 56, No. 4, pages 264 to 269. (Continued to extra sheet)

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

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Continuation of Box No. II of continuation of first sheet(1)

The technical features disclosed in the aforementioned two documents make no contribution over the prior art and cannot be special technical features within the meaning of PCT Rule 13.2, second sentence. Accordingly, there exists no technical feature common to claims 1-3, claims 4-6, claims 7-10, and claims 11-12.

Since there exists no other common feature which can be considered as a special technical feature within the meaning of PCT Rule 13.2, second sentence, no technical relationship within the meaning of PCT Rule 13.2 between the different inventions can be seen.

Consequently, claims 1-12 do not satisfy the requirement of unity of invention.